GOVERNMENT OF INDIA
MINES AND MINERALS
LOK SABHA

UNSTARRED QUESTION NO:3331
ANSWERED ON:14.08.2000
MINERAL RESERVES
TRILOCHAN KANUNGO

Will the Minister of MINES AND MINERALS be pleased to state:

(a) the deposit of different minerals as per the latest study of Geological Survey of India, State-wise;

(b) the production and off take of minerals during each of last three years, State-wise;

(c) the Pit Mouth Value of each minerals at different points of time during the said period along with the criteria followed in fixation of price thereof;

(d) whether any world-side comparisons have been made with those of India both deposit-wise and quality-wise; and

(e) if so, the details thereof?

Answer

THE MINISTER OF YOUTH AFFAIRS, SPORTS AND MINES (SHRI SUKHDEV SINGH DHINDSA)

(a) The State-wise reserves of different mineral deposits as per the latest study (1996-97, 1997-98, 1998-99 & 1999-2000) of Geological Survey of India are furnished below :

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Gold Ore   : 5.57 MT .. in .. Madhya Pradesh.
   0.07 MT .. in .. Kerala
   1.07 MT .. in .. Maharashtra
   7.20 MT .. in .. Rajasthan
   3.06 MT .. in .. Andhra Pradesh
   0.63 MT .. in .. Karnataka
Platinum Ore  : 14.2 MT .. in .. Orissa
Molybdenum Ore :  0.484 MT .. in .. Tamil Nadu
Cesium Ore  : 0.079 MT .. in .. West Bengal
Limestone &
Dolomite  : 79.5 MT .. in .. Arunachal Pradesh
   3585 MT .. in .. Meghalaya
Manganese Ore  :  0.18 MT .. in .. Maharashtra
   1.60 MT .. in .. Orissa
Pb + Zn Ore  : 22.11 MT .. in .. Rajasthan
Zn + Cu Ore  : 3.15 MT .. in .. Madhya Pradesh
Clay   : 310 MT .. in .. Kerala
Coal   : 158.38 MT .. in .. West Bengal
   768.34 MT .. in .. Bihar
   579.59 MT .. in .. Madhya Pradesh
   120.71 MT .. in .. Maharashtra
   2274.08 MT .. in .. Orissa
   281.12 MT .. in  .. Andhra Pradesh
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(b) The production and off take (despatches) of minerals during each of the last three years, State-wise are given in Annexure-I.

(c) The information is given in Annexure-II.

(d) & (e) Mineral deposits are not distributed throughout the world, hence no country is endowed with rich deposits of all minerals. In terms of total resources and quality, India has world ranking deposits of the following minerals (the world ranking in terms of production is given in parenthesis). Mica (13th), Bauxite (6th) Chromite (2nd), Iron ore (5th), Manganese (6th),Barytes (4th), Kyanite-Andalusite-Sillimanite(5th). In case of individual deposit or deposit clusters, East-coast Bauxite deposits of Orissa & Andhra Pradesh, Iron ore deposits of Madhya Pradesh, Bihar, Orissa, Karnataka & Goa; Lead-zinc deposits of Agucha, Raipura-Dariba, Jawar, Rajasthan and Copper in Malanjkhand in Madhya Pradesh, Rakha, Roam, Sideswar, Turamdih deposits in Bihar are of world standard.

ANNEXURE-I

Mineral production 1997-98 To 1999-2000 (State-wise)

Unit in tonnes

Mineral\State	1997-98 Qtity	1998-99 Qtity	1999-2000 Quantity
Bauxite			
Bihar	1118167	1309935	1227757
Goa	37679	54564	38645
Gujarat	563384	556505	952471
Karnataka	7969	21806	30177
Kerala	4764	7835	16320
Madhya Pradesh	651796	768866	685867
Maharashtra	822151	832664	899444
Orissa	2664251	2817819	2866032
Tamil Nadu	238053	239531	137712
Sub total	6108214	6609525	6854425
Chromite			
Karnataka	35990	15200	12918
Maharastra	2460	862	702
Manipur	68	0	0
Orissa	1476768	1402057	1682420
Subtotal	1515286	1418119	1696040
Copper conc.			
Bihar	33768	22319	12640
Madhya Pradesh	78703	75930	74172
Rajasthan	110066	99362	77569
Sikkim	791	899	620
Sub total	223328	198510	165001

In Kg

Gold			
Andhra Pradesh	193	225	177
Bihar	684	505	433
Karnataka	1969	1953	1832
Subtotal	2846	2683	2442

Iron Ore

Andhra Pradesh 227 318 340
Bihar 12502 12081 11913
Goa 16639 15796 15002
Haryana 1 1 1
Karnataka 16123 15024 15681
Madhya Pradesh 18255 17271 18582
Maharatra 20 29 25
Orissa 11949 11701 11921
Rajasthan 7 9 10

Sub total 75723 72230 73475

Lead Conc.

Andhra Pradesh 5143 5225 5301
Orissa 6828 6805 6575
Rajasthan 48820 50697 50739
Sikkim 90 115 250

Sub total 60881 62842 62865

Manganese Ore

Andhra Pradesh 92560 84146 87646
Bihar 8132 13672 6125
Goa 16958 14736 13623
Karnataka 323988 272959 278056
Madhya Pradesh 387279 324651 325864
Maharashtra 302502 316933 353406
Orissa 510544 510596 500763

Sub total 1641963 1537693 1565483

Zinc Conc.

Rajasthan 292235 349890 359512
Sikkim 289 44 412

Sub total 292524 349934 359924

Barytes

Andhra Pradesh 449179 656122 199336
Himachal Pradesh463 470 1065
Rajasthan 3431 4262 4168

Sub total 453073 660854 204569

Dolomite

Andhra Pradesh 393311 408113 409024
Bihar 288533 356548 262084
Gujarat 217935 212343 239772
Karnataka 58988 52180 48308
Madhya Pradesh 1047389 853713 776432
Maharastra 46887 45996 48060
Orissa 914296 923492 972659
Rajasthan 7190 54269 104623
Uttar Pradesh 11579 15094 13725
West Bengal 4749 0 0

Sub total 2990857 2921748 2874687

Gypsum

Gujarat 185 222 313
Jammu & Kahsmir 12850 24044 22557
Rajasthan 2179978 2242464 3264912
Tamil Nadu 2410 510 0

Sub total 2195423 2267240 3287782

Lime Stone

Andhra Pradesh 18589 19452 23360
Assam 438 459 402
Bihar 1354 1285 1140
Gujarat 13127 12526 12870
Haryana 13 5 3
Himachal Pradesh5532 5668 6227
Jammu & Kashmir 99 77 66
Karnataka 9803 8775 9823
Kerala 336 386 447
Madhya Pradesh 27607 28877 34420
Maharashtra 6076 5989 6569
Meghalaya 201 205 279
Orissa 1859 1803 1814
Rajasthan 15920 18240 20280
Tamilnadu 9158 9466 10191
Uttar Pradesh 330 0 0

Sub total 110442 113213 127891

Magnesite

Karnataka 35388 35107 36120
Rajasthan 6 578 573
Tamilnadu 274967 260101 245980
Uttar Pradesh 63159 54066 47117

Sub total 373520 349852 329790

Mica (crude)

Andhra Pradesh 787 890 902
Bihar 887 569 320
Rajasthan 23 25 51

Sub total 1697 1484 1273

Phosphorite

Madhya Pradesh 147431 161607 154785
Rajasthan 874978 1089716 980810
Uttar Pradesh 119262 10915 0

Sub total 1141671 1262238 1135595

DESPATCHES OF IMPORTANT MINERALS FROM MINES DURING 1997-98 TO 1999-2000

Mineral	Unit	1997-98	1998-99	1999-2000
Metallic Minerals:				
Bauxite	Tonnes	5633042	6911172	6766432
Chromite	Tonnes	906346	1427421	1659154
Copper Conc.	Tonne	270833	196313	159197
Gold	Kg.	2846	2683	2442
Irone Ore	`000 t	74605	71485	74614
Manganese Ore	Tonne	1559055	1549025	1495336
Lead Conc.	Tonne	28351	85693	54309
Zinc Conc.	Tonne	425747	319438	325093
Non-metallic Minerals:				
Phosphorite	Tonne	1398072	1278546	1164862
Barytes	Tonne	659158	665887	206337
Dolomite	Tonne	3086305	2991710	3017447
Gypsum	Tonne	2153748	2301184	3323046
Limestone	`000 t	110678	112760	127617
Magnesite	Tonne	374337	332466	343022
Mica(Crude)	Tonne	1663	1512	1238

ANNEXURE-II

(Per Unit Value in Rs.)

Important Minerals	Unit	1997-98	1998-99	1999-2000
Metallic minerals:				
Bauxite	Tonne	180.67	184.09	196.77
Chromite	Tonne	2009.87	1990.92	1973.50
Copper Conc.	Tonne	17282.87	17014.35	17925.51
Gold	Kg.	537509.14	643658.22	608739.56
Iron Ore	Tonne	240.31	256.95	267.48
Manganese ore	Tonne	1082.72	1130.48	1156.22
Lead Conc.	Tonne	11308.04	11224.21	11120.26
Zinc Conc.	Tonne	7653.23	7188.33	6859.23
Non-metallic Minerals:				
Phosphorite	Tonne	1423.84	1519.26	1435.44
Barytes	Tonne	707.24	760.52	552.47
Dolomite	Tonne	241.11	245.47	236.36
Gypsum	Tonne	142.61	149.19	162.71
Limestone	Tonne	93.89	99.37	98.92
Magnesite	Tonne	1017.31	1103.69	1060.77
Mica(Crude)	Tonne	13995.29	15626.68	18174.39

Pit`s Mouth Value:

As per the Mineral Concession and Development Rules, Pit`s Mouth Value is arrived at, by the mine owners according to the following

concept:-

1. The Pit`s Mouth Value should represent the sale value of the mineral at the pit head. In case of sales effected on F.O.R. or F.O.B. or any other basis, pit head sale value should be arrived at after deducting all the expenses incurred from mine to railway station or port or other point of sale, as the case may be (such as expenses on transportation, loading and unloading charges, railway freight, sampling and analysis, port handling, export duty, cess etc.).

2. In case of captive mines, cost of production is considered to represent the Pit`s Mouth Value.